

**Deshbandhu College
University of Delhi
Kalkaji, New Delhi -110019**

ANNUAL REPORT (2015-16)

1. Name of the College : Deshbandhu College

2. Major activities and achievements :

The distinguished faculty members of the college as well as students by their sheer academic excellence and honours helped put the name of institution at national and international level. Especially in the games and sports activities, the college teams retain State/University level titles in archery and volleyball; some of them have won top positions in national level sports meets too. In the field of science and humanities our teachers have won prestigious awards like Bharat Jyoti Award, (Dr Arati Barua, Philosophy), Karoor Pillai Memorial Award for Fiction (Mr Krishnan unni P, English), UGC Raman Post-doctoral Fellowship (Dr Indrakant Singh, Zoology) etc. Various Departments organized conferences/seminars/talks of significant interest inviting academicians and reputed personalities across the country (Prof D N Rao, IISC, Bangalore etc.) and abroad (Prof Yasuo Kamata, Japan, Dr Vivek Kumar IRRI, Philippines etc.) apart from undertaking numerous research projects and programmes (Innovation Projects, INSPIRE Internship Programme etc.) . We are delighted to announce that from coming academic session we are offering "Add-on" courses as proposed by University of Delhi and have submitted our report for NAAC accreditation.

3. Outstanding Honours and achievements:

- i) Krishnan unni P, Deptt of English Karoor Neelakanda Pillai Memorial award for fiction in Malayalam titled *Keralam: Oru Documenta*. (Received the award on January 28th, 2016 at Kottayam, Kerala).
- ii) Dr Arati Barua , Deptt of Philosophy : Bharat Jyoti Award by IIFS (India International Friendship Society in 2015 , 29th August. This award was presented to Dr Barua in honour of extra-ordinary contribution and meritorious performance to Eminent Politicians, Social Workers, Educationists, Industrialists, and Sports Persons, for their contribution towards the society in her field of endeavours.
 - Best citizens of India Award“ in 2015 - She is awarded with the “ Best citizens of India Award “ by The International Publishing House (2015) in recognition to her exceptional caliber and outstanding performance in her chosen area of activity.
- iii) Dr G C Pant : Received Sanskrit Samaradhak Samman by Delhi Sanskrit Academy in August,2015.

iii) Indrakant K Singh :

- Awarded RAMAN POST DOCTORAL FELLOWSHIP to pursue research work at University of Kentucky USA 2016-17 by University Grant Commission, Govt. of India.

4. Research Projects :

1. Dr Indrakant K Singh :

- DST Project , Title : Identification and characterization of genes involved in defense against *Sodoptera litura* from Maize(*Zea mays*), Date of start Nov, 2013. Duration three years, maximum five. Funding agencies: Science and Engineering Research Board (SERB), Deptt of Science & Technology, Govt. of India.

2. Dr Pratibha Kumar :

- DST- SERB start up Research Project “Synthesis of novel calixarenes functionalized magnetite nanomaterials and their potential applications in waste water treatment: Little solution to big Problems” (2016-2019).
- UGC start up project “Development of novel calyx[4]pyrrole modified grapheme oxide materials and their application in water remediation. (2016-2018)

3. Dr Ranjana Seth :

- International Atomic Energy Agency(IAEA) sponsored project (IAEA Research Contract No. 15852/RB, entitled, “Development of generic irradiation doses for phytosanitary treatment of mealy bug spp. infesting agricultural commodities”, under IAEA CRP D62008, *Development of generic irradiation doses for quarantine treatment*”, extended for 2015-2016 (final phase)

4. Dr Umesh Kumar:

UGC start up Grant “Ni (II)/Co(II) Complexes with O-/N-Donor Ligands for their Supermolecular architectures and catalytic activities”. (Recommended)

Innovation Research Projects

- DBC 302: Recycling of Organic Matter Coming from Religious Activities to Save Water Bodies of Delhi.
- DBC 303: Silver Chalcogenide Nanoparticles for their Catalytic and Biomedical Applications.
- DBC 304: Microwave Assisted Synthesis of Potent Metal Complexes of Schiff Bases Derived from Carbazole Moiety : A Green Approach

- DBC 305: The Impact of Lifestyle Change during Adolescence on Lifestyle Chronic Diseases.
- DBC 312: Optimizing Condition for the Synthesis of Nanofiber from Block Copolymers by Self-Assembly Approach

5. Students with distinction :

- Aatish Prashar from Fencing won Gold Medal in Haryana State Fencing Championship and managed his place in the team for National Championship. He also got selected for India camp and booked his berth at Delhi University Fencing Team as well for All India Inter-varsity Fencing Championship.
- Akshay Kumar from Shooting won Silver at 59th National Shooting Championship and many other medals at different level.
- College's Archery Team lifted the Inter College Championship and retained Delhi State Archery Championship.
- College's Volleyball team bring laurel as well by claiming 1st position at Inter-college Volleyball Tournament.

6. Library Development :

- This year the library has added 2757 books to its collection making a total collection of books to 1,08,350.
- The library subscribed to 37 journals/magazines and 15 daily Newspapers.
- NLIST Programme : National Library and Information Services for accessing e-journals and e-books
- UGC-INFONET for accessing e-journals and e-books
- DELNET for accessing Union catalogue of books and Union catalogue of journals.

7. Publications :

International :

- Singh, A. BhartiSingal, Nath, O. and Singh I. K.* (2015). Functional Annotation and classification of the Hypothetical Proteins of *Neisseria meningitidis* H44/76. *American Journal of Bioscience and Bioengineering* 3(5):57-64. doi: 10.11648/j.bio.20150305.16. *Corresponding author.
- Singh, A. Singh, S. and Singh I. K. (2016). Recent insights into the molecular mechanism of Jasmonate signaling during Insect-Plant Interaction. *Australasian*

- Plant Pathology* 45:123–133 (DOI 10.1007/s13313-015-0392-1)*Corresponding author.
- Sakshi Dogra : Published a paper titled, After “Postcoloniality”: Exploring the Nexus between Nation-State and Global Capitalism in *Lapis Lazuli: An International Literary Journal*. VOL.5 NO.1 Spring 2015. ISSN 2249-4529
 - Varsha Kushwaha : Research paper entitled “Memory and Trauma: Reconstruction of History in The Novels of J.M. Coetzee and M. G. Vassanji” published in *The Commonwealth Review*
 - Dr G C Pant : Published a paper titled- “BharavivirachitkiratarjuniyammahakavyameinSamajikPrashashan”, in VAAK-SUDHA (an international refereed quarterly research journal, ISSN :2347-6605), volume 4, 2015.

National :

- Krishnan Unni P : “ The Space of Ethics and the Ethics of ‘ political’ in M. Sukumaran’s Stories in *Social Orbit: Journal of Social Science*. Volume 1, 2016 , Kerala: Farook College, (ISSN: 2395-77189)
- “ Do These Ruins Narrate our Pasts? An Examination of W.G. Sebald’s Narratives in *Disnarration: The Unsaid Matters*. Ed. Sudha Shastri. New Delhi: Orient Blackswan, 2016 (ISBN: 978-81-250-6238-7)
- Dr Lalit Mohan : Book “Madhyakaleen Hindi Kaviyitriyon ki Samajik Chetna”, New Delhi: Samakaleen Prakashan. ISBN-978-81-909927-94
- Ashutosh Kumar : *Global Issues in Environmental Discourse*, Atlantic Publishers, New Delhi, 2016. (ISBN: 978-81-269-2159-1)
- Maurya, A. K. and Singh, I. K. and Monita (2015) Book Title “PARYAWARAN ADHYAYAN-EK PARICHAY” published by Book Age Publications, New Delhi. ISBN: 978-9383281-60-2.

8. Conference Organized/ Attended:

- Singh A., Singh IK and Jain D (2015) “Functional characterization of *Helicoverpa*-inducible pathogenesis-related protein 4A (PR-4A) from chickpea” in the PLANT BIOLOGY 2015 (The Annual Meeting of the American Society of Plant Biologists) held at the Minneapolis Convention Center in Minneapolis, Minnesota USA from 26th -30th July 2015.

- Dr Varsha Baweja : Attended International Congress on ‘Embryo Implantation and Pregnancy: Intricacies and Strategies for its Success’ held at National institute of Immunology, New Delhi on March 9-11, 2015.
- Inspire Internship Programme sponsored by DST, Govt. of India, Coordinator: Dr. Indrakant K Singh.
- A Seminar Talk on:“ Holistic View of Religions for the Harmony of Economy and Ecology : in the perspective Schopenhauer Research .” by Prof. Yasuo Kamata, Japan was organized by Dr Arati Barua on behalf of the department of Philosophy, DBC & Indian division of Schopenhauer Society (IDSS), on 3^{0th} October 2015 at Deshbandhu College, New Delhi. : (Hon) Member of Parliament, Shri Ramen Deka was the chief Guest.
- Dr Dharmendra kumar Mallik : Participated in Ist Knowledge Conclave for Colleges and Universities, Organized by Centre for Science and Environment (CSE), Green Educators Network, New Delhi on January 28-29, 2016.

9. Number of Faculty Permanent/Temporary/ Ad-hoc

- The college has an impressive strength of 133 permanent and 77 ad hoc members in the teaching staff and 122 members in the non-teaching staff.

10. Financial Allocation and Utilization :

- Grants sanctioned : Rs 346,868,008.00 only.
- Utilized : Rs 287,941,768.00 only

11. Patent Filed/Granted : NA

12. Placement Details :

- Number of students getting successful placement : 150 students
- Number of companies/Industries coming for campus recruitment : 10 companies

13. Number and name of domestic/International (MoU) signed with partners:

- Signed MoU for Science SETU (a DBT-NII initiative) with National Institute of Immunology, New Delhi, 2015. Nodal Officer: Dr Indrakant K Singh.

14. Extension and Outreach work

- The NSS Unit of Deshbandhu College has been very proactive in the session 2015-16. In the month of March 2015, it organized a cleanliness programme in Lansdowne 'Uttarakhand' with the mission 'Make Mountains Plastic free'. A musical concert for National Unity and Integration was organized on 31 March 2015.

15. Student numbers under exchange programme: NA

16. Journals Subscribed:

- Number of International Journals: 4 (paper back) + J-Stor, Project Muse. (NLIST,UGC-INFONET, DELNET)
- Number of National journals : 33 (paper back)

17. Any other significant Information:

- Our college has submitted the College Report for accreditation to National Assessment and Accreditation Council (NAAC), an autonomous body funded by the University Grants Commission, Govt. of India.

18. Name and contact details of Co-ordinator for Annual Report, 2015-16 of the college:

- Mr. Saswata Bhattacharya, Asst. Prof. Department of English,
Mobile: 9910363959
E-mail: saswata14@gmail.com.

Principal's Signature

Seal of College

